## Introduction of "Quantitative and Qualitative Monetary Easing with a Negative Interest Rate"

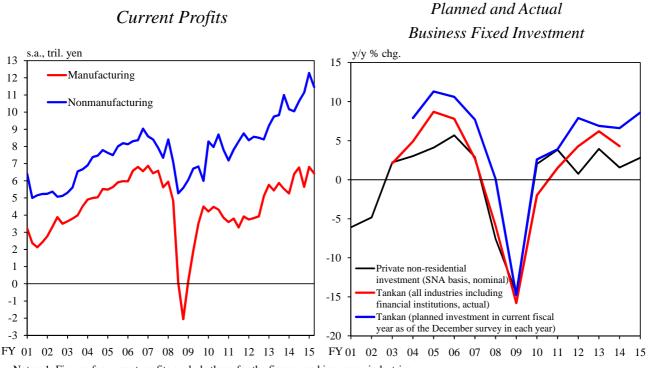
Speech at the Kisaragi-kai Meeting in Tokyo

February 3, 2016

Haruhiko Kuroda Governor of the Bank of Japan

Chart 1

#### Corporate Profits and Business Fixed Investment



Notes: 1. Figures for current profits exclude those for the finance and insurance industries.

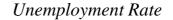
2. Figures for the Tankan include software investment and exclude land purchasing expenses.

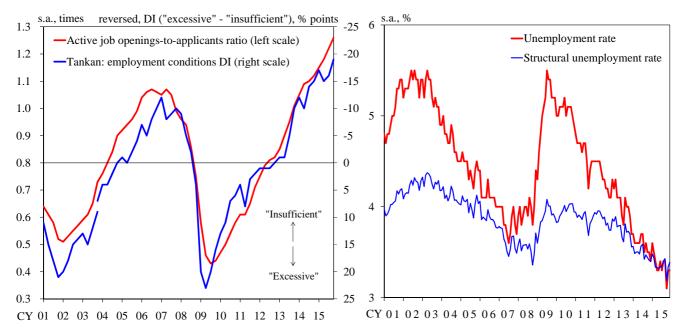
3. The figure for fiscal 2015 for private non-residential investment (SNA basis, nominal) is the April-September average. Sources: Bank of Japan; Ministry of Finance.

#### Chart 2

#### Labor Market Conditions

#### Job Openings-to-Applicants Ratio and Employment Conditions DI





Notes: 1. There is a discontinuity in the data in December 2003 for employment conditions DI due to a change in the survey framework.
2. The structural unemployment rate is estimated by the Research and Statistics Department, Bank of Japan.
Sources: Ministry of Health, Labour and Welfare; Bank of Japan; Ministry of Internal Affairs and Communications.

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Chart 3

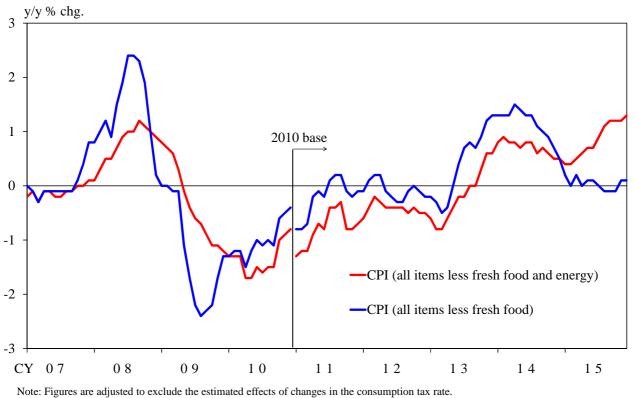
# Outlook for Economic Activity and Prices (as of January 2016)

y/y % chg.

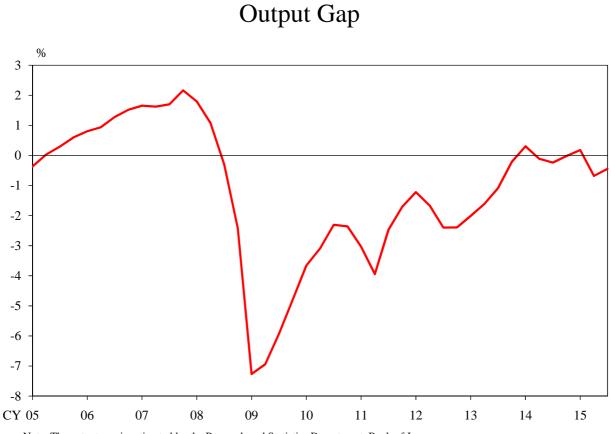
|   |                                   | Real GDP | CPI<br>(all items less fresh food) | Excluding the effects of the consumption tax hikes |  |
|---|-----------------------------------|----------|------------------------------------|--|--|
| F | Fiscal 2015                       | +1.1     | +0.1                               |  |  |
|   | Forecasts made in<br>October 2015 | +1.2     | +0.1                               |  |  |
| F | Fiscal 2016                       | +1.5     | +0.8                               |  |  |
|   | Forecasts made in<br>October 2015 | +1.4     | + 1.4                              |  |  |
| F | Fiscal 2017                       | +0.3     | +2.8                               | +1.8   |  |
|   | Forecasts made in<br>October 2015 | +0.3     | +3.1                               | +1.8   |  |

Note: Figures indicate the median of the Policy Board members' forecasts (point estimates). Source: Bank of Japan.

#### **Consumer Prices**

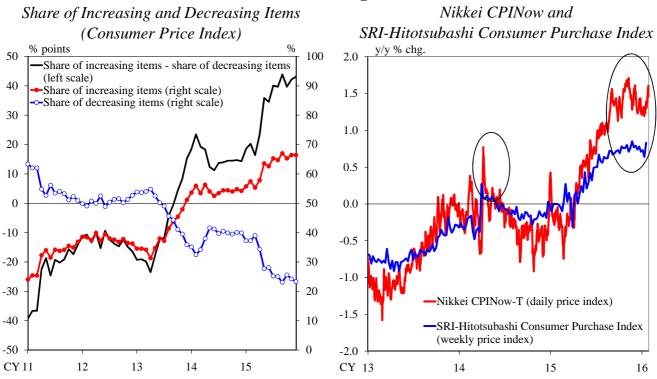


Figures for the CPI (all items less fresh food and energy) are calculated by the Research and Statistics Department, Bank of Japan. Source: Ministry of Internal Affairs and Communications.



Note: The output gap is estimated by the Research and Statistics Department, Bank of Japan. Sources: Cabinet Office; Ministry of Economy, Trade and Industry, etc.

#### **Price Developments**



Notes: 1. The share of increasing/decreasing items is the share of items in the consumer price index (all items less fresh food) whose price indices increased/decreased from a year earlier. The price indices are adjusted to exclude the estimated effects of changes in the consumption tax rate. 2. The Nikkei CPINow-T is a 7-day backward moving average.

Sources: Ministry of Internal Affairs and Communications; Nowcast; Research Center for Economic and Social Risks, Institute of Economic Research, Hitotsubashi University.

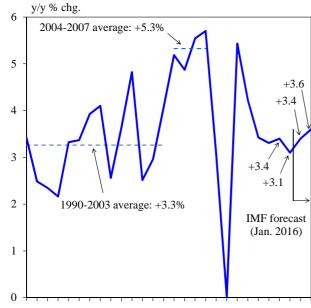
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Chart 7

#### World Economic Outlook Released by the IMF



Projections for Major Economies



|       |   |   |      |      | 3           | //y % chg. |
|-------|---|---|------|------|-------------|------------|
|       |   |   | 2014 | 2015 | Projections |            |
|       |   |   |      |      | 2016        | 2017       |
| World |   | d   | 3.4  | 3.1  | 3.4         | 3.6        |
| 2     | A | dvanced Economies                         | 1.8  | 1.9  | 2.1         | 2.1        |
|       |   | United States                             | 2.4  | 2.5  | 2.6         | 2.6        |
|       |   | Euro Area                                 | 0.9  | 1.5  | 1.7         | 1.7        |
|       |   | Japan                                     | 0.0  | 0.6  | 1.0         | 0.3        |
|       |   | merging Market and<br>eveloping Economies | 4.6  | 4.0  | 4.3         | 4.7        |
|       |   | China                                     | 7.3  | 6.9  | 6.3         | 6.0        |
|       |   | ASEAN5                                    | 4.6  | 4.7  | 4.8         | 5.1        |

CY 90 92 94 96 98 00 02 04 06 08 10 12 14 16

2. ASEAN5 are Indonesia, Malaysia, the Philippines, Thailand, and Viet Nam. Source: IMF.

Notes: 1. Figures for 2015 are estimates.

Crude Oil Prices

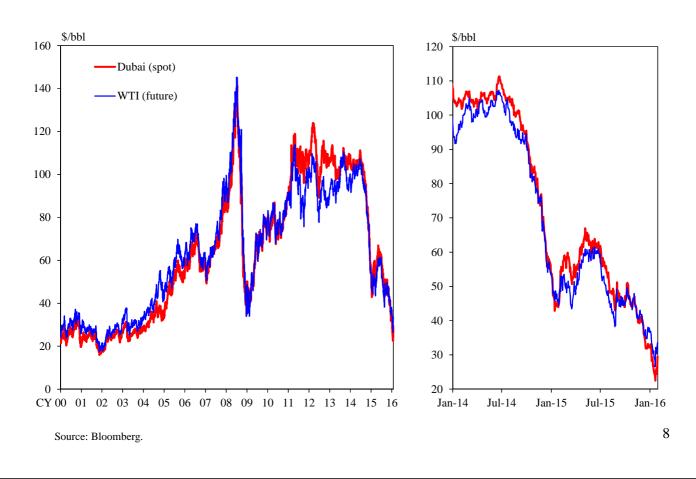


Chart 9

### Quantitative and Qualitative Monetary Easing with a Negative Interest Rate

It is designed to enable the Bank to pursue additional monetary easing

## in terms of three dimensions,

combining a negative interest rate with quantity and quality.

The Bank will apply a negative interest rate of

## minus 0.1 percent

to current accounts that financial institutions hold at the Bank.

The Bank will exert <u>further downward pressure on interest rates</u> <u>across the entire yield curve</u>, in combination with large-scale purchases of JGBs. Scope for Additional Monetary Easing in Terms of Three Dimensions

